

-State Species Abstract-  
-Wyoming Natural Diversity Database-

*AGALINUS TENUIFOLIA* VAR.

*PARVIFLORA*

MOSCHATEL

Family: Scrophulariaceae

Status:

US Fish & Wildlife Service: None

Agency Status: None

Heritage Rank:

Global: G5T4                      State: S1

Range Context: Peripheral

Wyoming Contribution Rank: Low

Description: Slender false-foxglove is a glabrous annual forb with multi-branched stems 20-50 cm tall. Stems are reddish to dark green when fresh, but turn black when dried in a plant press. Leaves are opposite, ascending, linear, entire, 3-7 cm long and 1-2 mm wide and often have clusters of smaller leaves in their axils. The inflorescence of 1-several racemes has 1-12 flowers. Bracts are leaf-like and progressively reduced upwards. Pedicels are filiform and widely spreading. The 5-lobed corolla is pink or purple, 10-15 mm long, slightly 2-lipped funnel-shaped and glabrous with ciliate margins and ovary superior. Sepals are united into a 5-lobed calyx 3.5-5.5 mm long. Anther sacs are sparsely hairy, arranged in a straight line, and are 1.5-2.2 mm long. Fruits are globose capsules 4-6 mm long; seeds are dark brown to blackish, bluntly trapezoid or triangular (Great Plains Flora Association 1986).

Similar Species: *Mimulus* spp. have a strongly two-lipped corolla and flowers that are pink-flowered or yellow. *Linaria canadensis* has a blue, two-lipped corolla with a slender spur.



Above: *Agalinis tenuifolia* var. *parviflora* by B. Heidel

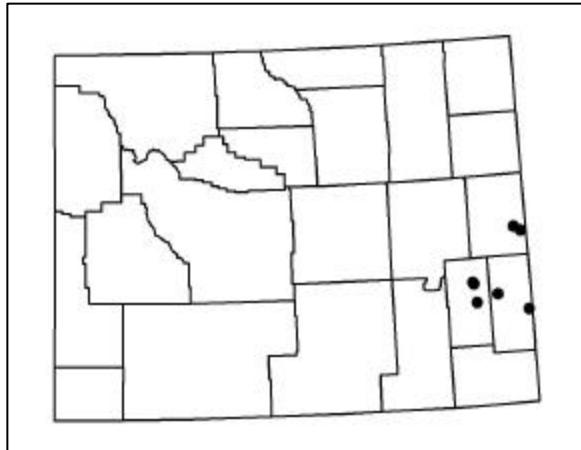


Above: *Agalinis tenuifolia* var. *parviflora* - Illustration from: Britton, N.L., and A. Brown. 1913. Illustrated flora of the northern states and Canada. Vol. 3: 301. Courtesy of Kentucky Native Plant Society. Scanned by Omnitek Inc.

Appendix F. Wyoming species of concern at Fort Laramie NHS - State species abstract example

Flowering/Fruiting Period: August-September.

Distribution: Manitoba and Quebec, south throughout the midwest and eastern states to North Dakota, and south to Arizona and New Mexico. Distribution is peripheral in Wyoming, on the southeastern plains in Goshen, Niobrara, and Platte counties.



Above: Wyoming distribution of *Agalinis tenuifolia* var. *parviflora*.

Habitat: Rangewide, occurs in moist woods or prairies, roadside ditches, and lake and stream shores. Wyoming populations are typically found in streamside communities of *Agrostis stolonifera* on moist loams, marshy areas, and in woods and canyons; at 4200-4600 feet.

Occurrences in Wyoming: Known from 5 extant occurrences (all observed since 1993, and most recently in 2004) and 2 historical occurrences (the most recent dating from 1901).

Abundance: Only the Fort Laramie population has census estimates of 2500+ plants. Historical populations along the North Platte River (Platte Canyon) have not been relocated since 1901 and may be extirpated.



Above: Habitat of *Agalinis tenuifolia* var. *parviflora*, by B. Heidel

Trends: Not known. The high population estimates at Fort Laramie in 2003 may reflect favorable conditions. The numbers may fluctuate annually.

Protection status: Occurs at Fort Laramie National Historic Site.

Threats: Potentially threatened by development or damming of habitat, alterations to river flows and groundwater levels, and vegetation encroachment.

Managed Areas: One occurrence is found within the Fort Laramie National Historic Site. All other occurrences are on state or private lands.

References:

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